

Attorney's Docket No. 42390P10369

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Patent Application of:

Jia et al.

Examiner: Not Yet Assigned

Application No.: 10/056,533

Art Unit: 2641

Filed: January 23, 2002

For: METHOD AND SYSTEM FOR
JOINT OPTIMIZATION OF
FEATURE AND MODEL SPACE
TRANSFORMATION OF A
SPEECH RECOGNITION
SYSTEM

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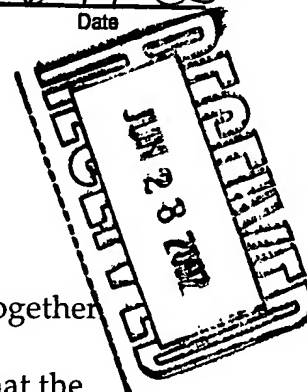
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Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together
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Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and
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Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure
Statement is not to be construed as a representation that a search has been made and is
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Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

 X 37 C.F.R. §1.97(b).

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 A statement pursuant to 37 C.F.R. §1.97(e) or

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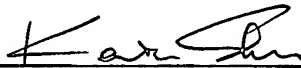
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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

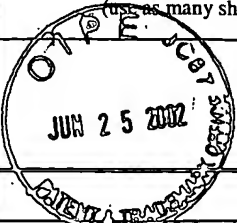
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 6/19 2002



Kevin G. Shao
Reg. No. 45,095

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 42390.P10369	Application Number: 10/056,533
		First Named Inventor: Ying Jai	
		Filing Date: January 23, 2002	
OTHER ART - NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		MARK J. F. GALES, "Semi-Tied Covariance Matrices for Hidden Markov Modes", IEEE Transactions on Speech & Audio Processing, Vol. 7, No. 3, May 1999, pp. 272-281.	
		R. HAEB-UMBACH et al., "Improvements in Connected Digit Recognition Using Linear Discriminant Analysis & Mixture Densities", ICASSP 1993, Speech Processing, Vol. II of V, pp. II-239 - II-242.	
		R. HAEB-UMBACH et al., "Linear Discriminant Analysis for Improved Large Vocabulary Continuous Speech Recognition", ICASSP 1992, Speech Processing, Vol. I, pp. I13 - I17.	
		N. KUMAR, "Investigation of Silicon-Auditory Models & Generalization of Linear Discriminant Analysis for Improved Speech Recognition", Ph.D. thesis, John Hopkins University, 1997, 77 total pages, double-sided.	
		NAGENDRA KUMAR et al., "Heteroscedastic Discriminant Analysis & Reduced Rank HMMs for Improved speech Recognition", Speech Communication 26 (1998), pp. 283-297.	

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